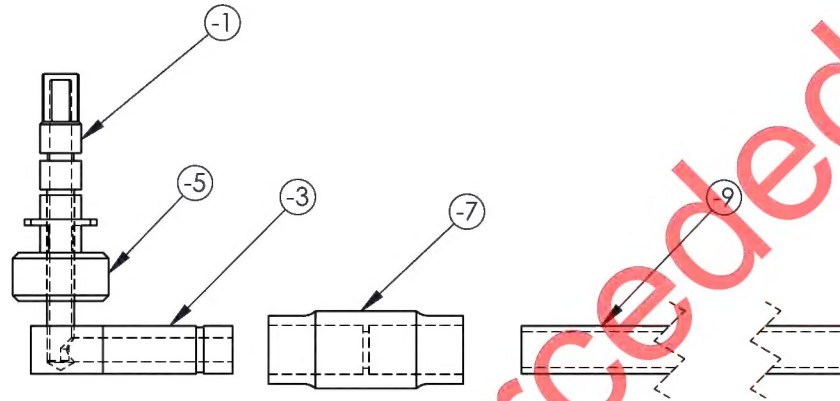



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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



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URF17-690 VM

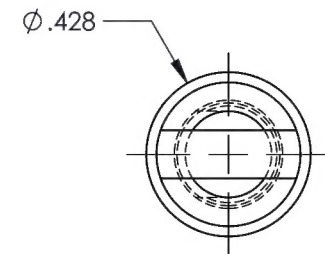
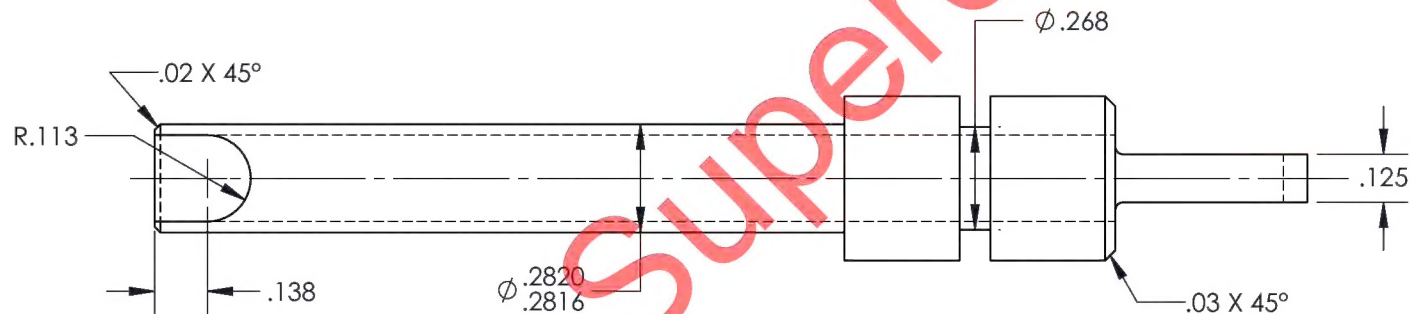
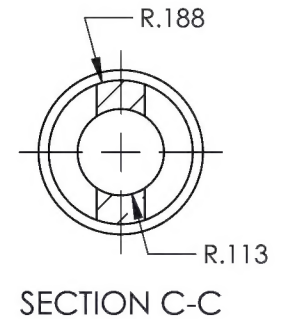
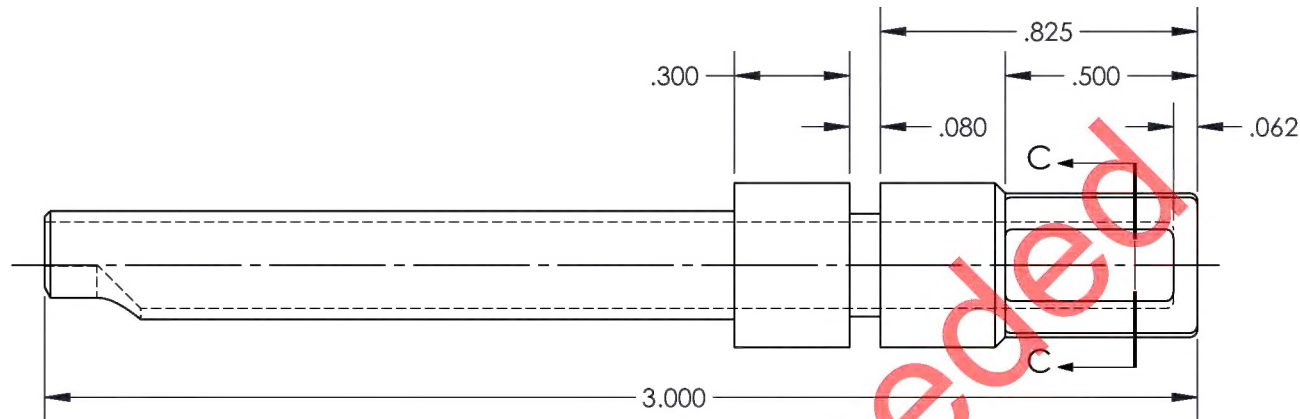
NOTE:  
REF. PRATT & WHITNEY T/N: PWC38147 B.

 <b>RED BARN MACHINE</b>	
TITLE <b>OIL DRAIN TOOL</b>	
DWG NO. <b>RB PWC38147</b>	REV 
MAT'L 	DRAWN BY: <b>CLOUGH</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 4/24/2013
SHEET 1 OF 4	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	DRAIN QUILL	6061	Ø7/16 X 2-7/8	2
			-3	1	HOSE END	6061	1/2 X 1/2 X 2-1/4	3
			-5	1	CONNECTOR	6061	Ø1 X 1-1/8	4
		B/O	-7	1	COUPLING	NICKEL-PLATED BRASS	Ø1/2 MCMASTER-CARR #51495K116	1
		B/O	-9	1	HOSE	VINYL	Ø1/2 O.D. X Ø3/8 I.D. X 6ft KURI-TECH #K010-0608	1
		B/O	-11	1	PLASTIC BOX	POLYSTYRENE, CLEAR	1 X 3-1/2 X 4-5/8 TED PELLA #139-31	N/S
		B/O	-13	1	SPONGE	LINT FREE SPONGE	1/4 X 3-1/2 X 4-5/8 MCMASTER-CARR #7271T32	N/S

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



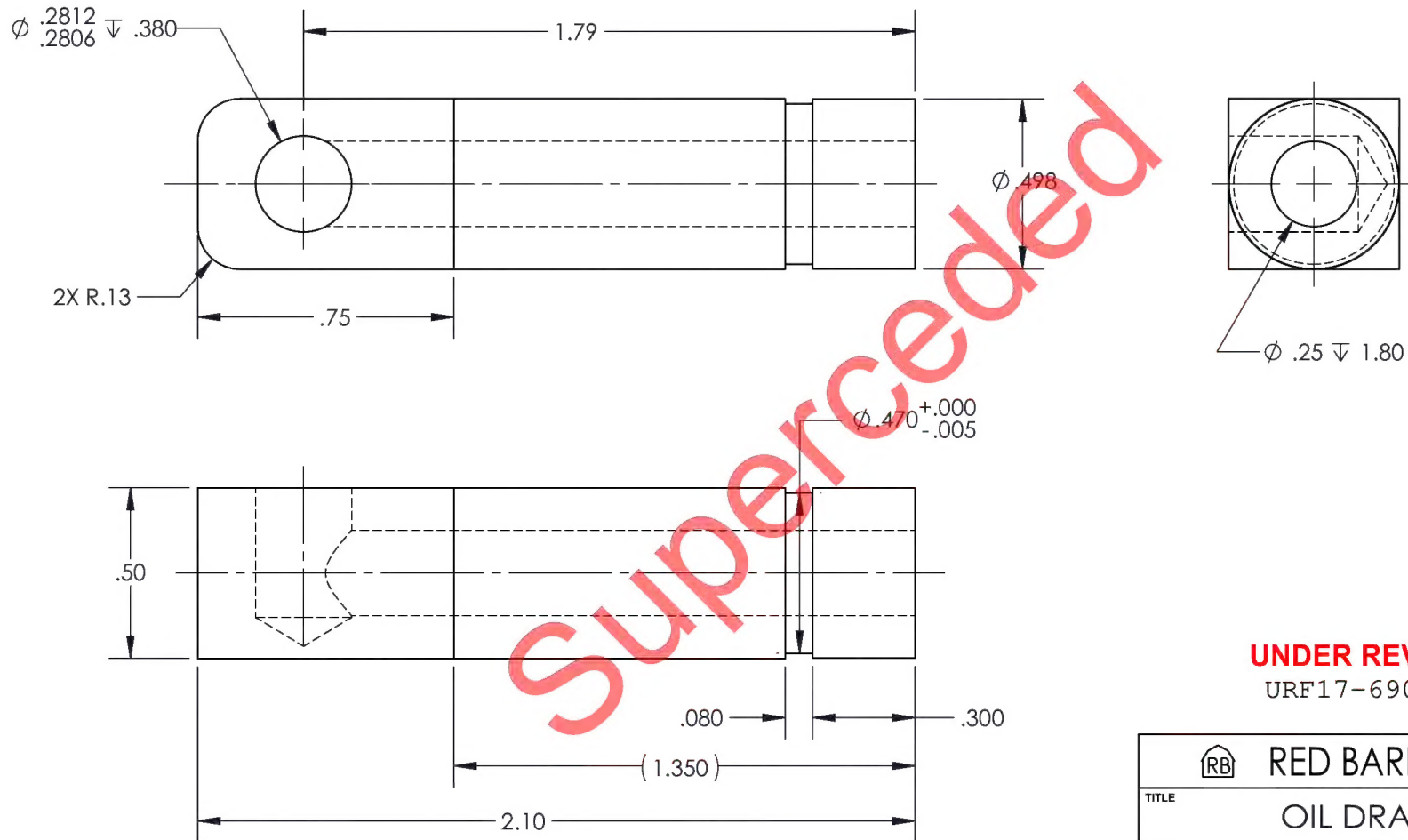
**UNDER REVIEW**  
URF17-690 VM

(-1)  
DRAIN QUILL

<b>RB RED BARN MACHINE</b>	
TITLE <b>OIL DRAIN TOOL</b>	
DWG NO. <b>RB PWC38147-1</b>	REV
MAT'L 6061	DRAWN BY: <b>CLOUGH</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <b>D Weil</b>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH RED ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 2:1	DATE 4/24/2013
SHEET 2 OF 4	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



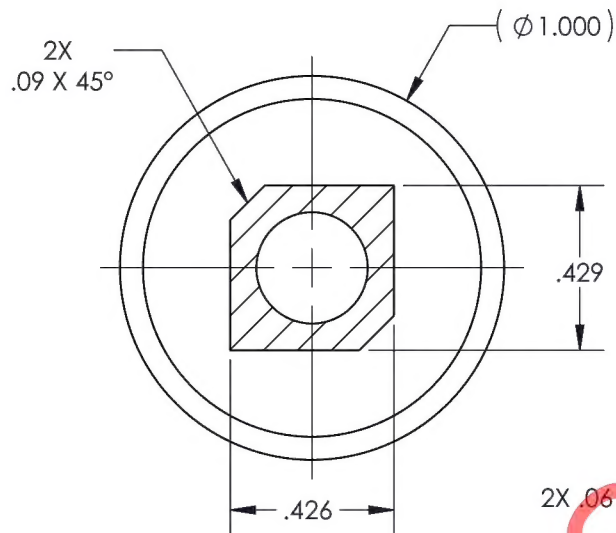
(-3)  
HOSE END

**UNDER REVIEW**  
URF17-690 VM

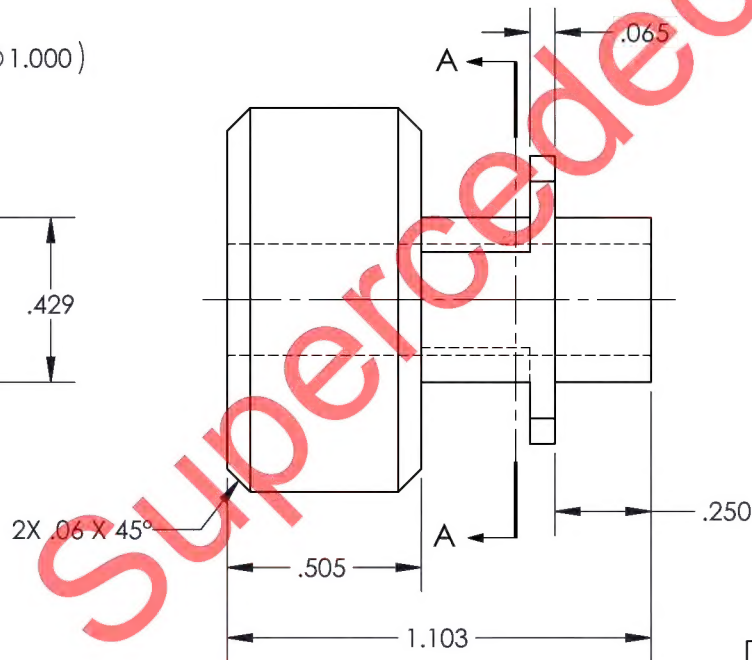
<b>RED BARN MACHINE</b>	
<b>OIL DRAIN TOOL</b>	
DWG NO.	REV
RB DB3225L-3	
MAT'L 6061	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH RED ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 4/24/2013
SHEET 3 OF 4	

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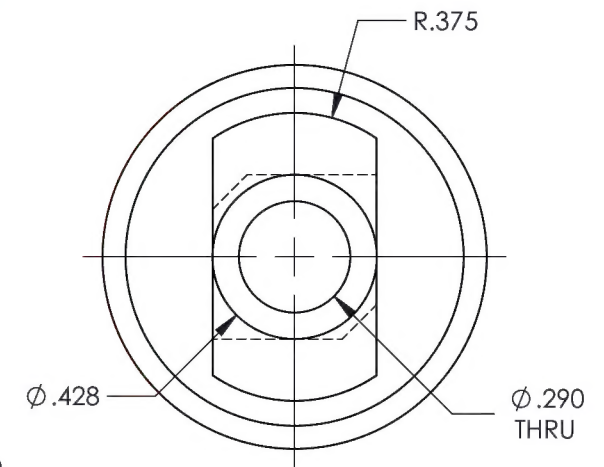
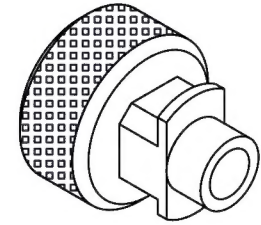
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



SECTION A-A  
SCALE 2 : 1



(-5)  
CONNECTOR



**UNDER REVIEW**  
URF17-690 VM

<b>RED BARN MACHINE</b>	
TITLE <b>OIL DRAIN TOOL</b>	
DWG NO. <b>RB PWC38147-5</b>	REV
MAT'L 6061	DRAWN BY: <b>CLOUGH</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH RED ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 4/24/2013
SHEET 4 OF 4	